

City of Griswold, Iowa

Sanitary Sewer Improvements

Cost Estimate - Sanitary Sewer Improvements

CAPITAL COSTS

Project: Sanitary Sewer Improvements

Item No.	Description	Quantity	Units	Unit Price	Total Price
GENERAL					
1	Mobilization, Insurance, etc...	1	LS	\$100,000	\$100,000
2	Traffic Control	1	LS	\$25,000	\$25,000
3	Clearing and Grubbing	1	LS	\$10,000	\$10,000
STORM SEWER CROSS-CONNECTIONS					
4	Repair cross-connection of storm inlets at Adair St. and 1st St.	2	LS	\$5,000	\$10,000
5	Repair cross-connection of storm inlet on SE corner of Adair St. at	1	LS	\$5,000	\$5,000
SANITARY SEWER MAIN IMPROVEMENTS					
6	CIPP Sanitary Sewer Lining, 8-inch	9,429	LF	\$50	\$471,450
7	CIPP Sanitary Sewer Lining, 10-inch	1,089	LF	\$53	\$57,717
8	CIPP Sanitary Sewer Lining, 12-inch	1,822	LF	\$56	\$102,032
9	CIPP Sanitary Sewer Lining, 15-inch	1,863	LF	\$65	\$121,095
10	Sanitary Sewer Replacement, 6-inch	466	LF	\$93	\$43,338
11	Sanitary Sewer Replacement, 8-inch	5,101	LF	\$100	\$510,100
12	Sanitary Sewer Replacement, 12-inch	964	LF	\$105	\$101,220
13	Sanitary Sewer Replacement, 15-inch	22	LF	\$115	\$2,530
14	Sanitary Sewer Point Repairs	12	EA	\$5,000	\$60,000
15	Remove MH Steps	40	EA	\$300	\$12,000
16	Manhole Lid Replacement	4	EA	\$500	\$2,000
17	Raise Frame and Lid	1	EA	\$400	\$400
18	Manhole Frame and Lid Replacement	12	EA	\$1,200	\$14,400
19	Manhole Chimney Seal	11	EA	\$350	\$3,850
20	Manhole Rehabilitation (Cementitious Grout)	32	EA	\$2,550	\$81,600
21	Manhole No. 66 Relocation and Replacement	1	EA	\$15,000	\$15,000
22	Sanitary Manhole Replacement	2	EA	\$4,821	\$9,641
SUBTOTAL - CONSTRUCTION					\$1,758,373
CONTINGENCY					\$175,837
ENGINEERING					\$351,675
LEGAL					\$17,584
TOTAL PROJECT COST ESTIMATE (ROUNDED)					\$2,303,469